



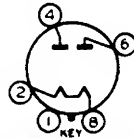
5T4

5T4



## FULL-WAVE HIGH-VACUUM RECTIFIER

Filament	Coated	
Voltage	5.0	a-c volts
Current	2.0	amp.
Maximum Overall Length		4-5/16"
Maximum Diameter		1-5/8"
Bulb		
Base		Metal Shell, MT-10
Pin 1-Shell		Small Wafer Octal 5-Pin
Pin 2-Filament		Pin 6-Plate #1
Pin 4-Plate #2		Pin 8-Filament
Mounting Position		



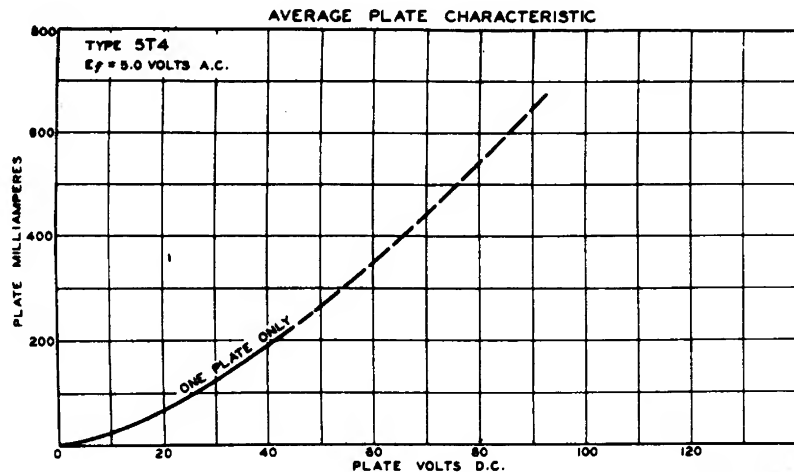
BOTTOM VIEW (5T)

Vertical<sup>◇</sup>

### FULL-WAVE RECTIFIER

Peak Inverse Voltage	1550 max. volts
Peak Plate Current per Plate	675 max. ma.
<i>Typical Operation with Condenser-Input Filter:</i>	
A-C Plate Voltage per Plate (RMS)	450 max. volts
Total Effective Plate-Supply Impedance per Plate <sup>▲</sup>	150 min. ohms
D-C Output Current	225 max. ma.
<i>Typical Operation with Choke-Input filter:</i>	
A-C Plate Voltage per Plate (RMS)	550 max. volts
Input-Choke Inductance	3 min. henries
D-C Output Current	225 max. ma.

<sup>◇</sup> Horizontal operation permitted if pins 2 and 4 are in vertical plane.  
<sup>▲</sup> When a filter-input condenser larger than 40  $\mu$ f is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.



FEB. 2, 1940

RCA RADIODOTRON DIVISION  
 RCA MANUFACTURING COMPANY, INC.

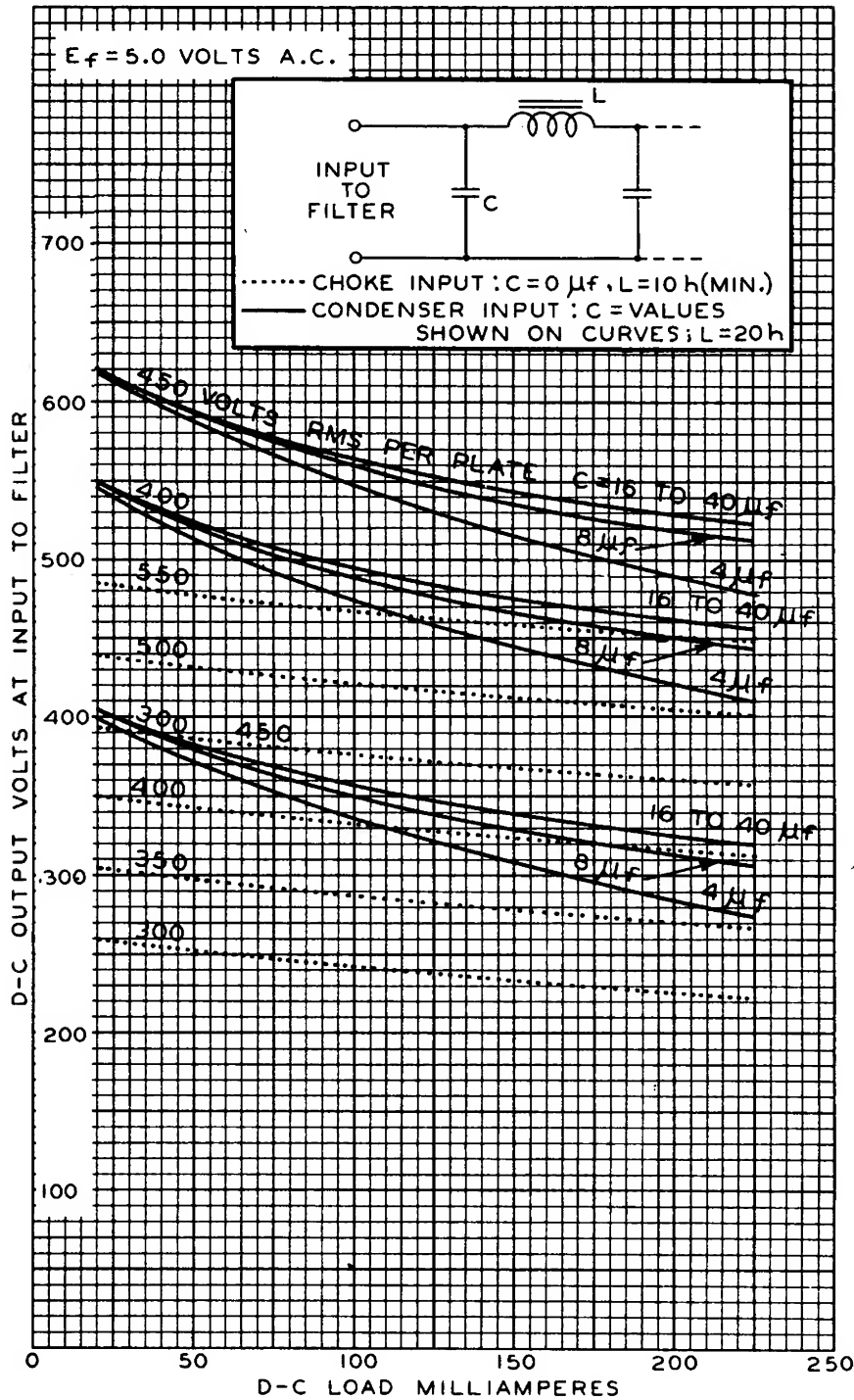
DATA

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# OPERATION CHARACTERISTICS



JAN. 12, 1940

RCA RADIODIVISION  
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92C-4697R3